GOVERNMENT OF INDIA
SPACE
LOK SABHA

STARRED QUESTION NO:103
ANSWERED ON:05.03.2008
FOREIGN COLLABORATION IN CHANDRAYAN-I PROJECT
Nandy Shri Amitava;Rathod Shri Harisingh Nasaru

Will the Minister of SPACE be pleased to state:

(a) Whether the project Chandrayan-I involves any foreign collaboration;

(b) If so, the details thereof;

(c) the details of financial implications thereof; and

(d) the benefits likely to accrue to the country as a result of launching of Chandrayan-I?

Answer

MINISTER OF STATE IN THE PRIME MINISTER'S OFFICE (SHRI PRITHVIRAJ CHAVAN)

(a) No, Sir. However, out of the eleven scientific instruments to be carried in Chandrayaan-I spacecraft, six are by foreign scientists and institutions. The spacecraft, launch and the mission are implemented with indigenous capability.

(b) The details of the foreign scientific instruments are as follows :

1. Moon Mineralogy mapper from JPL/NASA, USA : for mineral mapping.

2. MiniSAR from APL/NASA, USA : for mapping ice in Lunar poles.

3. SIR-2 from Max Plank Institute , Germany through ESA: for mineral mapping.

4. SARA - Combinedly developed by Sweden and Japan through ESA : for Chemical mapping and locate magnetic anomaly regions.

5. CIXS – from Rutherford Appleton Lab, UK through ESA jointly with ISRO: for Chemical mapping.
6. RADOM from Bulgaria : for radiation monitoring.

(c) There is no financial implication. Each scientific experiment is financed by the respective Country/Organisation.

(d) Data from scientific instruments on board Chandrayaan-I will produce a detailed terrain map of lunar surface and mineral & chemical resources of the entire moon with high spatial and spectral resolution. This data base will enable scientific community to study further the evolution of moon and enthuse the young scientists to pursue scientific research on planetary exploration.